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To: [Delgado, Eric](#); [Adams, Adam](#); [Loesel, Matthew](#); [Patel, Anish](#)
Cc: [Crossland, Ronnie](#); [Smith, Monica](#)
Subject: Draft ITC update info you requested -- 03/29/2019
Date: Friday, March 29, 2019 6:05:00 AM

Intercontinental Terminals Company (ITC) Fire Morning Update Deer Park, Texas March 29, 2019

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- For March 29, as of 6:00 pm, 35,883 bbls of material have been recovered from on-water operations. As of 8:30 pm, an additional 728.6 bbls of material had been recovered. As of 6:00 pm hours, 40,385 bbs had been recovered from the tank farm. Approximately 128 cubic yards of contaminated solids (PPE, boom, and absorbent pads) had been removed.
- At 8:30 pm, 80-14 and 80-15 had their sump lines opened and material began to be emptied into the secondary containment and into the 80s separator. 80-2 and 80-3 also had this done earlier in the day. Tank 80-2 was estimated to have approximately 5,400 bbl remaining prior to having the sump line opened. 80-3 was estimated to have 5,400 bbl of material remaining in it, prior to the opening of its sump line.
- At 10:00 pm, ITC expressed concerns to TCEQ and EPA with concerns of overflowing the secondary containment due to draining operations and foaming operations on tanks. Pumping out of the containment cannot keep up with the draining of tanks. TCEQ and EPA advised them it would be acceptable to pump the material into their wastewater tanks in an emergency, but that the material would be disposed of waste, and not run through their treatment plant. ITC agreed to that option.
- ITC Deer Park has not resumed operations at this time, and does not have an estimated date of when they may resume operations.
- Foaming of the secondary containment to prevent reignition and reduce emissions continues as necessary.
- Several entities including Texas Commission on Environmental Quality (TCEQ), EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Strike Team, comprised of CST on behalf of TCEQ, EPA, and CTEH were sent to the areas around Channelview (north of the site) due to elevated readings of benzene during the night. Unified Command and Harris County were kept apprised of the readings. No readings were sustained over 1.0 ppm of benzene.
- ITC continued air monitoring on March 28 (midnight to midnight); there were 3,447 VOC readings (615 detections) with and 2,416 benzene readings (552 detections).
- EPA continued mobile air monitoring on March 28 (12:00 pm) to March 29 (4:00 am) at 49 locations. There were 5 detections, with 0 detections above the action level noted.
- ASPECT conducted flight 15 on March 28. The flight was impacted by isolated low level clouds. Imagery collected on this flight indicates the NW tanks in the tank farm are at essentially at ambient temperature. IR and photographic data collected over the confluence area indicated that most product was captured by the upstream boom and no significant boom leakage was present.
- EPA's TAGA Mobile laboratory continued monitoring during the day of March 28.
- EPA collected 11 water samples from 10 locations on March 28. Nine of the samples were collected from previously sampled locations in Buffalo Bayou and southwest of Crystal Bay. The remaining sample was collected from a location near the Beltway 8 bridge.
- TCEQ continued handheld air monitoring between 2:00 pm and 10:00 pm on March 28 (34 readings). No significant readings were detected.
- Unified Command developed, reviewed, and approved the Incident Action Plan (#7) for the next operational period.
- Vacuum truck operations at Tucker Bayou and the outfall ditch continue on 24 hour basis.

Tank Status as 3:00 am on March 29, 2019

Tank #		Original Volume	Updated Volume	Flow rate	Transfer Method	Status	Notes
80 – 1	Base Oil	48,713 bbls	4,522 bbls			Standby	
80 – 2	Gasoline Blendstock	38,451 bbls	5,437 bbls			Standby	
80 – 3	Gasoline Blendstock	33,200 bbls	5,441 bbls			Standby	Being evaluated
80 – 4	Base Oil	34,808 bbls	7,393 bbls			Standby	
80 – 5	Xylenes	35,502 bbls	6,529 bbls			Standby	
80 – 6	Gasoline Blendstock	48,147 bbls	n/a			Standby	
80 – 7	Py Gas	42,680 bbls	Empty		Submersible pump	Complete	Pumping water and foam
80 – 8	Naptha	69,482 bbls	9,072 bbls			Standby	
80 – 9	EMPTY	Empty	Empty			Standby	

80 - 10	Py Gas	14,294 bbls	2,207 bbls		Inline System	Complete	Stripped out
80 - 11	Base Oil	51,741 bbls	51,671 bbls			Standby	
80 - 12	EMPTY	Empty	Empty			Complete	
80 - 13	Toluene	13,854 bbls	4,237 bbls			Complete	Stripped
80 - 14	Py Gas	13,837 bbls	264 bbls		Inline System	Complete	
80 - 15	Py Gas	9,354 bbls	Empty			Complete	

With Regards, Steve



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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."